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LOGINID:sssptal648mxm

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 May 10 PROUSDDR now available on STN
NEWS 4 May 19 PROUSDDR: One FREE connect hour, per account, in both May
and June 2004
NEWS 5 May 12 EXTEND option available in structure searching
NEWS 6 May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS 7 May 17 FRFULL now available on STN
NEWS 8 May 27 New UPM (Update Code Maximum) field for more efficient patent
SDIs in Cplus
NEWS 9 May 27 Cplus super roles and document types searchable in REGISTRY
NEWS 10 May 27 Explore APOLLIT with free connect time in June 2004
NEWS 11 Jun 22 STN Patent Forums to be held July 19-22, 2004
NEWS 12 Jun 28 Additional enzyme-catalyzed reactions added to CASREACT
NEWS 13 Jun 28 ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG,
and WATER from CSA now available on STN(R)

NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:18:48 ON 01 JUL 2004

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS,
BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT,
CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DISSABS, DDFB, DDFU,
DGENE, DRUGB, DRUGMONOG2, ...' ENTERED AT 11:19:35 ON 01 JUL 2004

70 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s HBV or "hepatitis B"

8479 FILE ADISCTI
274 FILE ADISINSIGHT
887 FILE ADISNEWS
308 FILE AGRICOLA
119 FILE ANABSTR
59 FILE AQUASCI
960 FILE BIOBUSINESS
1548 FILE BIOCOMMERCE
41499 FILE BIOSIS
2317 FILE BIOTECHABS
2317 FILE BIOTECHDS
12421 FILE BIOTECHNO
2199 FILE CABA
9671 FILE CANCERLIT
16461 FILE CAPLUS
517 FILE CEABA-VTB
46 FILE CEN
1277 FILE CIN
1549 FILE CONFSCI
3 FILE CROPU
410 FILE DISSABS
329 FILE DDFB
3907 FILE DDFU
74103 FILE DGENE

25 FILES SEARCHED...

329 FILE DRUGB
571 FILE DRUGMONOG2
623 FILE IMSDRUGNEWS
4776 FILE DRUGU
249 FILE IMSRESEARCH
315 FILE EMBAL
40223 FILE EMBASE
7777 FILE ESBIODASE
446 FILE FEDRIP
40 FILE FROSTI
22 FILE FSTA
9290 FILE GENBANK
539 FILE HEALSAFE
1760 FILE IFIPAT
427 FILE IMSPRODUCT
8883 FILE JICST-EPLUS
5 FILE KOSMET
10922 FILE LIFESCI
84 FILE MEDICONF
47817 FILE MEDLINE
691 FILE NIOSHTIC
424 FILE NTIS
5 FILE NUTRACEUT
7 FILE OCEAN
5353 FILE PASCAL

52 FILES SEARCHED...

333 FILE PHAR
632 FILE PHARMAML
7 FILE PHIC
3035 FILE PHIN
9750 FILE PROMT
470 FILE PROUSDDR
5 FILE RDISCLOSURE

33821 FILE SCISEARCH
 12 FILE SYNTHLINE
 16959 FILE TOXCENTER
 13778 FILE USPATFULL
 547 FILE USPAT2
 2 FILE VETB
 43 FILE VETU
 3763 FILE WPIDS
 22 FILE WPIFV
 3763 FILE WPINDEX

66 FILES HAVE ONE OR MORE ANSWERS, 70 FILES SEARCHED IN STNINDEX

L1 QUE HBV OR "HEPATITIS B"

=> s HBV or "hepatitis B"(s)"core particle"

1379 FILE ADISCTI
 117 FILE ADISINSIGHT
 235 FILE ADISNEWS
 38 FILE AGRICOLA
 15 FILE ANABSTR
 35 FILE AQUASCI
 95 FILE BIOBUSINESS
 1207 FILE BIOCOMMERCE
 12935 FILE BIOSIS
 603 FILE BIOTECHABS
 603 FILE BIOTECHDS
 5231 FILE BIOTECHNO
 681 FILE CABA
 3558 FILE CANCERLIT
 6846 FILE CAPLUS
 81 FILE CEABA-VTB
 245 FILE CIN
 446 FILE CONFSCI
 233 FILE DISSABS
 10 FILE DDFB
 1558 FILE DDFU

24 FILES SEARCHED...

44159 FILE DGENE
 10 FILE DRUGB
 10 FILE DRUGMONOG2
 177 FILE IMSDRUGNEWS
 1916 FILE DRUGU
 71 FILE IMSRESEARCH
 189 FILE EMBAL
 10665 FILE EMBASE
 3814 FILE ESBIODBASE
 207* FILE FEDRIP
 9 FILE FROSTI
 1 FILE FSTA
 3769 FILE GENBANK
 199 FILE HEALSAFE
 631 FILE IFIPAT
 7 FILE IMSPRODUCT
 1833 FILE JICST-EPLUS
 1 FILE KOSMET
 4759 FILE LIFESCI

45 FILES SEARCHED...

18 FILE MEDICONF
 12430 FILE MEDLINE
 199 FILE NIOSHTIC
 84 FILE NTIS
 1 FILE NUTRACEUT
 4 FILE OCEAN
 4565 FILE PASCAL

95 FILE PHAR
 115 FILE PHARMAML
 3 FILE PHIC
 247 FILE PHIN
 2254 FILE PROMT
 189 FILE PROUSDDR
 1 FILE RDISCLOSURE
 10418 FILE SCISEARCH
 4 FILE SYNTHLINE
 5289 FILE TOXCENTER
 3755 FILE USPATFULL
 163 FILE USPAT2
 7 FILE VETU
 67 FILES SEARCHED...
 837 FILE WPIDS
 7 FILE WPIFV
 837 FILE WPINDEX

63 FILES HAVE ONE OR MORE ANSWERS, 70 FILES SEARCHED IN STNINDEX

L2 QUE HBV OR "HEPATITIS B"(S) "CORE PARTICLE"

=> s HBV or "hepatitis B"(s)"core particle"(p)cys or cysteine

1607 FILE ADISCTI
 223 FILE ADISINSIGHT
 262* FILE ADISNEWS
 4492 FILE AGRICOLA
 1940 FILE ANABSTR
 1324 FILE AQUASCI
 1283 FILE BIOBUSINESS
 1302* FILE BIOCOMMERCE
 68371 FILE BIOSIS
 3997* FILE BIOTECHABS
 3997* FILE BIOTECHDS
 28339* FILE BIOTECHNO
 10198 FILE CABA
 14078 FILE CANCERLIT
 99505 FILE CAPLUS
 649* FILE CEABA-VTB
 63 FILE CEN
 384* FILE CIN
 1227 FILE CONFSCI
 97 FILE CROPB
 366 FILE CROPU
 4041 FILE DISSABS
 2089 FILE DDFB
 23 FILES SEARCHED...
 5381 FILE DDFU
 64775 FILE DGENE
 2089 FILE DRUGB
 790 FILE DRUGMONOG2
 210 FILE IMSDRUGNEWS
 6862 FILE DRUGU
 121 FILE IMSRESEARCH
 659 FILE EMBAL
 55149 FILE EMBASE
 25042* FILE ESBIODBASE
 1546* FILE FEDRIP
 7* FILE FOMAD
 145* FILE FOREGE
 1548* FILE FROSTI
 2946* FILE FSTA
 38 FILES SEARCHED...
 19289 FILE GENBANK
 273 FILE HEALSAFE

7517 FILE IFIPAT
 162 FILE IMSPRODUCT
 5226 FILE JICST-EPLUS
 137* FILE KOSMET
 22022 FILE LIFESCI
 19* FILE MEDICONF
 71933 FILE MEDLINE
 1218 FILE NIOSHTIC
 558* FILE NTIS
 10* FILE NUTRACEUT
 250 FILE OCEAN
 24480* FILE PASCAL
 6 FILE PCTGEN
 167 FILE PHAR
 126* FILE PHARMAML
 4 FILE PHIC
 352 FILE PHIN
 3029 FILE PROMT
 1202 FILE PROUSDDR
 21 FILE RDISCLOSURE
 53447 FILE SCISEARCH
 66 FILE SYNTHLINE
 50454 FILE TOXCENTER
 63 FILES SEARCHED...
 49059 FILE USPATFULL
 2288 FILE USPAT2
 61 FILE VETB
 253 FILE VETU
 7786 FILE WPIDS
 27 FILE WPIFV
 7786 FILE WPINDEX

70 FILES HAVE ONE OR MORE ANSWERS, 70 FILES SEARCHED IN STNINDEX

L3 QUE HBV OR "HEPATITIS B"(S) "CORE PARTICLE"(P) CYS OR CYSTEINE

=> s HBV or "hepatitis B"(s)"core particle"(p)(cys or cysteine)

1368 FILE ADISCTI
 116 FILE ADISINSIGHT
 235* FILE ADISNEWS
 32 FILE AGRICOLA
 15 FILE ANABSTR
 35 FILE AQUASCI
 95 FILE BIOBUSINESS
 1207* FILE BIOCOMMERCE
 12857 FILE BIOSIS
 590* FILE BIOTECHABS
 590* FILE BIOTECHDS
 5154* FILE BIOTECHNO
 671 FILE CABA
 3543 FILE CANCERLIT
 6777 FILE CAPLUS
 81* FILE CEABA-VTB
 245* FILE CIN
 441 FILE CONFSCI
 230 FILE DISSABS
 9 FILE DDFB
 1556 FILE DDFU
 24 FILES SEARCHED...
 43762 FILE DGENE
 9 FILE DRUGB
 10 FILE DRUGMONOG2
 177 FILE IMSDRUGNEWS
 1914 FILE DRUGU
 71 FILE IMSRESEARCH

187 FILE EMBAL
 10565 FILE EMBASE
 3785* FILE ESBIODBASE
 207* FILE FEDRIP
 0* FILE FOMAD
 0* FILE FOREGE
 9* FILE FROSTI
 1* FILE FSTA
 3769 FILE GENBANK
 199 FILE HEALSAFE
 629 FILE IFIPAT
 7 FILE IMSPRODUCT
 1826 FILE JICST-EPLUS

43 FILES SEARCHED...

1* FILE KOSMET
 4704 FILE LIFESCI
 18* FILE MEDICONF
 12358 FILE MEDLINE
 199 FILE NIOSHTIC
 84* FILE NTIS
 1* FILE NUTRACEUT
 4 FILE OCEAN
 4563* FILE PASCAL
 94 FILE PHAR
 115* FILE PHARMAML
 3 FILE PHIC
 247 FILE PHIN
 2253 FILE PROMT
 189 FILE PROUSDDR
 1 FILE RDISCLOSURE
 10345 FILE SCISEARCH
 4 FILE SYNTHLINE
 5267 FILE TOXCENTER
 3742 FILE USPATFULL
 163 FILE USPAT2

65 FILES SEARCHED...

6 FILE VETU
 831 FILE WPIDS
 7 FILE WPIFV
 831 FILE WPINDEX

63 FILES HAVE ONE OR MORE ANSWERS, 70 FILES SEARCHED IN STNINDEX

L4 QUE HBV OR "HEPATITIS B"(S) "CORE PARTICLE"(P) (CYS OR CYSTEINE)

=> s (HBV or "hepatitis B")(s) "core particle"(p) (cys or cysteine)

2 FILE ADISCTI
 0* FILE ADISNEWS
 0* FILE BIOCOMMERCE
 5 FILE BIOSIS
 2* FILE BIOTECHABS
 2* FILE BIOTECHDS
 5* FILE BIOTECHNO
 5 FILE CAPLUS
 0* FILE CEABA-VTB
 0* FILE CIN
 1 FILE DISSABS

24 FILES SEARCHED...

9 FILE DGENE
 1 FILE DRUGU
 5 FILE EMBASE
 1* FILE ESBIODBASE
 0* FILE FEDRIP
 0* FILE FOMAD
 0* FILE FOREGE

```

0* FILE FROSTI
0* FILE FSTA
2 FILE IFIPAT
42 FILES SEARCHED...
0* FILE KOSMET
4 FILE LIFESCI
0* FILE MEDICONF
4 FILE MEDLINE
0* FILE NTIS
0* FILE NUTRACEUT
0* FILE PASCAL
0* FILE PHARMAML
4 FILE SCISEARCH
61 FILES SEARCHED...
1 FILE TOXCENTER
17 FILE USPATFULL
1 FILE VETU
6 FILE WPIDS
6 FILE WPINDEX

```

20 FILES HAVE ONE OR MORE ANSWERS, 70 FILES SEARCHED IN STNINDEX

L5 QUE (HBV OR "HEPATITIS B") (S) "CORE PARTICLE" (P) (CYS OR CYSTEINE)

=> file medline biosis embase

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.84	7.05

FILE 'MEDLINE' ENTERED AT 11:26:52 ON 01 JUL 2004

FILE 'BIOSIS' ENTERED AT 11:26:52 ON 01 JUL 2004
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FILE 'EMBASE' ENTERED AT 11:26:52 ON 01 JUL 2004
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=> s (HBV or "hepatitis B") (s) "core particle" (p) (cys or cysteine)
 L6 14 (HBV OR "HEPATITIS B") (S) "CORE PARTICLE" (P) (CYS OR CYSTEINE)

=> rem dup

DUP IS NOT VALID HERE

The DELETE command is used to remove various items stored by the system.

To delete a saved query, saved answer set, saved L-number list, SDI request, batch request, mailing list, or user-defined cluster, format, or search field, enter the name. The name may include ? for left, right, or simultaneous left and right truncation.

Examples:

DELETE BIO?/Q	- delete query names starting with BIO
DELETE ?DRUG/A	- delete answer set names ending with DRUG
DELETE ?ELEC?/L	- delete L-number lists containing ELEC
DELETE ANTICOAG/S	- delete SDI request
DELETE ENZYME/B	- delete batch request
DELETE .MYCLUSTER	- delete user-defined cluster
DELETE .MYFORMAT	- delete user-defined display format
DELETE .MYFIELD	- delete user-defined search field
DELETE NAMELIST MYLIST	- delete mailing list

To delete an ordered document or an offline print, enter its number.

Examples:

```
DELETE P123001C      - delete print request
DELETE D134002C      - delete document order request
```

To delete an individual L-number or range of L-numbers, enter the L-number or L-number range. You may also enter DELETE LAST followed by a number, n, to delete the last n L-numbers. RENUMBER or NORENUMBER may also be explicitly specified to override the value of SET RENUMBER.

Examples:

```
DELETE L21           - delete a single L-number
DELETE L3-L6         - delete a range of L-numbers
DELETE LAST 4        - delete the last 4 L-numbers
DELETE L33-          - delete L33 and any higher L-number
DELETE -L55          - delete L55 and any lower L-number
DELETE L2-L6 RENUMBER - delete a range of L-numbers and
                      renumber remaining L-numbers
DELETE RENUMBER       - renumber L-numbers after deletion of
                      intermediate L-numbers
```

Entire sets of saved items, SDI requests, batch requests, user-defined items, or E-numbers can be deleted.

Examples:

```
DELETE SAVED/Q - delete all saved queries
DELETE SAVED/A - delete all saved answer sets
DELETE SAVED/L - delete all saved L-number lists
DELETE SAVED   - delete all saved queries, answer sets,
                  and L-number lists
DELETE SAVED/S - delete all SDI requests
DELETE SAVED/B - delete all batch requests
DELETE CLUSTER - delete all user-defined clusters
DELETE FORMAT  - delete all user-defined display formats
DELETE FIELD   - delete all user-defined search fields
DELETE SELECT  - delete all E-numbers
DELETE HISTORY - delete all L-numbers and restart the
                  session at L1
```

To delete an entire multifile SDI request, enter DELETE and the name of the request. To delete a component from the multifile SDI, enter DELETE and the name of the component.

```
=> dup rem
ENTER L# LIST OR (END):
ENTER L# LIST OR (END):16
PROCESSING COMPLETED FOR L6
L7          6 DUP REM L6 (8 DUPLICATES REMOVED)
```

=> dis his

(FILE 'HOME' ENTERED AT 11:18:48 ON 01 JUL 2004)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,
BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA,
CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DISSABS,
DDFB, DDFU, DGENE, DRUGB, DRUGMONOG2, ...' ENTERED AT 11:19:35 ON 01 JUL
2004

SEA HBV OR "HEPATITIS B"

```
-----
8479  FILE ADISCTI
274   FILE ADISINSIGHT
```


887 FILE ADISNEWS
 308 FILE AGRICOLA
 119 FILE ANABSTR
 59 FILE AQUASCI
 960 FILE BIOBUSINESS
 1548 FILE BIOCOMMERCE
 41499 FILE BIOSIS
 2317 FILE BIOTECHABS
 2317 FILE BIOTECHDS
 12421 FILE BIOTECHNO
 2199 FILE CABA
 9671 FILE CANCERLIT
 16461 FILE CAPLUS
 517 FILE CEABA-VTB
 46 FILE CEN
 1277 FILE CIN
 1549 FILE CONFSCI
 3 FILE CROPU
 410 FILE DISSABS
 329 FILE DDFB
 3907 FILE DDFU
 74103 FILE DGENE
 329 FILE DRUGB
 571 FILE DRUGMONOG2
 623 FILE IMSDRUGNEWS
 4776 FILE DRUGU
 249 FILE IMSRESEARCH
 315 FILE EMBAL
 40223 FILE EMBASE
 7777 FILE ESBIODBASE
 446 FILE FEDRIP
 40 FILE FROSTI
 22 FILE FSTA
 9290 FILE GENBANK
 539 FILE HEALSAFE
 1760 FILE IFIPAT
 427 FILE IMSPRODUCT
 8883 FILE JICST-EPLUS
 5 FILE KOSMET
 10922 FILE LIFESCI
 84 FILE MEDICONF
 47817 FILE MEDLINE
 691 FILE NIOSHTIC
 424 FILE NTIS
 5 FILE NUTRACEUT
 7 FILE OCEAN
 5353 FILE PASCAL
 333 FILE PHAR
 632 FILE PHARMAML
 7 FILE PHIC
 3035 FILE PHIN
 9750 FILE PROMT
 470 FILE PROUSDDR
 5 FILE RDISCLOSURE
 33821 FILE SCISEARCH
 12 FILE SYNTHLINE
 16959 FILE TOXCENTER
 13778 FILE USPATFULL
 547 FILE USPAT2
 2 FILE VETB
 43 FILE VETU
 3763 FILE WPIDS
 22 FILE WPIFV
 3763 FILE WPINDEX

QUE HBV OR "HEPATITIS B"

SEA HBV OR "HEPATITIS B" (S) "CORE PARTICLE"

1379	FILE ADISCTI
117	FILE ADISINSIGHT
235	FILE ADISNEWS
38	FILE AGRICOLA
15	FILE ANABSTR
35	FILE AQUASCI
95	FILE BIOBUSINESS
1207	FILE BIOCOMMERCE
12935	FILE BIOSIS
603	FILE BIOTECHABS
603	FILE BIOTECHDS
5231	FILE BIOTECHNO
681	FILE CABA
3558	FILE CANCERLIT
6846	FILE CAPLUS
81	FILE CEABA-VTB
245	FILE CIN
446	FILE CONFSCI
233	FILE DISSABS
10	FILE DDFB
1558	FILE DDFU
44159	FILE DGENE
10	FILE DRUGB
10	FILE DRUGMONOG2
177	FILE IMSDRUGNEWS
1916	FILE DRUGU
71	FILE IMSRESEARCH
189	FILE EMBAL
10665	FILE EMBASE
3814	FILE ESBIODBASE
207*	FILE FEDRIP
9	FILE FROSTI
1	FILE FSTA
3769	FILE GENBANK
199	FILE HEALSAFE
631	FILE IFIPAT
7	FILE IMSPRODUCT
1833	FILE JICST-EPLUS
1	FILE KOSMET
4759	FILE LIFESCI
18	FILE MEDICONF
12430	FILE MEDLINE
199	FILE NIOSHTIC
84	FILE NTIS
1	FILE NUTRACEUT
4	FILE OCEAN
4565	FILE PASCAL
95	FILE PHAR
115	FILE PHARMAML
3	FILE PHIC
247	FILE PHIN
2254	FILE PROMT
189	FILE PROUSDDR
1	FILE RDISCLOSURE
10418	FILE SCISEARCH
4	FILE SYNTHLINE
5289	FILE TOXCENTER
3755	FILE USPATFULL
163	FILE USPAT2
7	FILE VETU
837	FILE WPIDS
7	FILE WPIFV

L2

```
837   FILE WPINDEX
      QUE HBV OR "HEPATITIS B"(S) "CORE PARTICLE"
      -----
      SEA HBV OR "HEPATITIS B"(S) "CORE PARTICLE"(P)CYS OR CYSTEINE
      -----
1607   FILE ADISCTI
  223   FILE ADISINSIGHT
  262*  FILE ADISNEWS
4492   FILE AGRICOLA
1940   FILE ANABSTR
1324   FILE AQUASCI
1283   FILE BIOBUSINESS
1302*  FILE BIOCOMMERCE
68371  FILE BIOSIS
 3997*  FILE BIOTECHABS
 3997*  FILE BIOTECHDS
28339*  FILE BIOTECHNO
10198  FILE CABA
14078  FILE CANCERLIT
99505  FILE CAPLUS
  649*  FILE CEABA-VTB
   63   FILE CEN
  384*  FILE CIN
1227   FILE CONFSCI
   97   FILE CROPB
  366   FILE CROPU
4041   FILE DISSABS
2089   FILE DDFB
5381   FILE DDFU
64775  FILE DGENE
2089   FILE DRUGB
  790   FILE DRUGMONOG2
  210   FILE IMSDRUGNEWS
6862   FILE DRUGU
  121   FILE IMSRESEARCH
  659   FILE EMBAL
55149  FILE EMBASE
25042*  FILE ESBIODBASE
1546*  FILE FEDRIP
   7*   FILE FOMAD
  145*  FILE FOREGE
1548*  FILE FROSTI
2946*  FILE FSTA
19289  FILE GENBANK
  273   FILE HEALSAFE
7517   FILE IFIPAT
  162   FILE IMSPRODUCT
5226   FILE JICST-EPLUS
  137*  FILE KOSMET
22022  FILE LIFESCI
  19*   FILE MEDICONF
71933  FILE MEDLINE
  1218  FILE NIOSHTIC
  558*  FILE NTIS
  10*   FILE NUTRACEUT
  250   FILE OCEAN
24480*  FILE PASCAL
   6    FILE PCTGEN
  167   FILE PHAR
  126*  FILE PHARMAML
   4    FILE PHIC
  352   FILE PHIN
3029   FILE PROMT
1202   FILE PROUSDDR
  21    FILE RDISCLOSURE
```

53447 FILE SCISEARCH
 66 FILE SYNTHLINE
 50454 FILE TOXCENTER
 49059 FILE USPATFULL
 2288 FILE USPAT2
 61 FILE VETB
 253 FILE VETU
 7786 FILE WPIDS
 27 FILE WPIFV
 7786 FILE WPINDEX

L3

QUE HBV OR "HEPATITIS B"(S) "CORE PARTICLE"(P) CYS OR CYSTEINE

 SEA HBV OR "HEPATITIS B"(S) "CORE PARTICLE"(P) (CYS OR CYSTEINE)

1368 FILE ADISCTI
 116 FILE ADISINSIGHT
 235* FILE ADISNEWS
 32 FILE AGRICOLA
 15 FILE ANABSTR
 35 FILE AQUASCI
 95 FILE BIOBUSINESS
 1207* FILE BIOCOMMERCE
 12857 FILE BIOSIS
 590* FILE BIOTECHABS
 590* FILE BIOTECHDS
 5154* FILE BIOTECHNO
 671 FILE CABA
 3543 FILE CANCERLIT
 6777 FILE CAPLUS
 81* FILE CEABA-VTB
 245* FILE CIN
 441 FILE CONFSCI
 230 FILE DISSABS
 9 FILE DDFB
 1556 FILE DDFU
 43762 FILE DGENE
 9 FILE DRUGB
 10 FILE DRUGMONOG2
 177 FILE IMSDRUGNEWS
 1914 FILE DRUGU
 71 FILE IMSRESEARCH
 187 FILE EMBAL
 10565 FILE EMBASE
 3785* FILE ESBIODBASE
 207* FILE FEDRIP
 0* FILE FOMAD
 0* FILE FOREGE
 9* FILE FROSTI
 1* FILE FSTA
 3769 FILE GENBANK
 199 FILE HEALSAFE
 629 FILE IFIPAT
 7 FILE IMSPRODUCT
 1826 FILE JICST-EPLUS
 1* FILE KOSMET
 4704 FILE LIFESCI
 18* FILE MEDICONF
 12358 FILE MEDLINE
 199 FILE NIOSHTIC
 84* FILE NTIS
 1* FILE NUTRACEUT
 4 FILE OCEAN
 4563* FILE PASCAL
 94 FILE PHAR
 115* FILE PHARMAML

```

      3  FILE PHIC
    247  FILE PHIN
   2253  FILE PROMT
    189  FILE PROUSDDR
      1  FILE RDISCLOSURE
  10345  FILE SCISEARCH
      4  FILE SYNTHLINE
   5267  FILE TOXCENTER
   3742  FILE USPATFULL
    163  FILE USPAT2
      6  FILE VETU
    831  FILE WPIDS
      7  FILE WPIFV
    831  FILE WPINDEX
L4      QUE HBV OR "HEPATITIS B"(S) "CORE PARTICLE"(P) (CYS OR CYSTEINE)
      -----
      SEA (HBV OR "HEPATITIS B")(S) "CORE PARTICLE"(P) (CYS OR CYSTEINE)
      -----
      2  FILE ADISCTI
     0*  FILE ADISNEWS
     0*  FILE BIOCOMMERCE
      5  FILE BIOSIS
     2*  FILE BIOTECHABS
     2*  FILE BIOTECHDS
     5*  FILE BIOTECHNO
      5  FILE CAPLUS
     0*  FILE CEABA-VTB
     0*  FILE CIN
      1  FILE DISSABS
      9  FILE DGENE
      1  FILE DRUGU
      5  FILE EMBASE
     1*  FILE ESBIOBASE
     0*  FILE FEDRIP
     0*  FILE FOMAD
     0*  FILE FOREGE
     0*  FILE FROSTI
     0*  FILE FSTA
      2  FILE IFIPAT
     0*  FILE KOSMET
      4  FILE LIFESCI
     0*  FILE MEDICNF
      4  FILE MEDLINE
     0*  FILE NTIS
     0*  FILE NUTRACEUT
     0*  FILE PASCAL
     0*  FILE PHARMAML
      4  FILE SCISEARCH
      1  FILE TOXCENTER
    17  FILE USPATFULL
      1  FILE VETU
      6  FILE WPIDS
      6  FILE WPINDEX
L5      QUE (HBV OR "HEPATITIS B")(S) "CORE PARTICLE"(P) (CYS OR CYSTEIN)
      -----

      FILE 'MEDLINE, BIOSIS, EMBASE' ENTERED AT 11:26:52 ON 01 JUL 2004
L6      14 S (HBV OR "HEPATITIS B")(S) "CORE PARTICLE"(P) (CYS OR CYSTEINE)
L7      6 DUP REM L6 (8 DUPLICATES REMOVED)

=> dis ibib 1-8

```

L7 ANSWER 1 OF 6 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 ACCESSION NUMBER: 2004:133454 BIOSIS
 DOCUMENT NUMBER: PREV200400132051
 TITLE: Natural occurring mutations affecting the intramolecular disulfide bond but not signal peptidase cleavage site greatly impair HBeAg formation.
 AUTHOR(S): Bang, Genie [Reprint Author]; Guarnieri, Michael [Reprint Author]; Li, Ji Su [Reprint Author]; Zhou, Yonghong [Reprint Author]; Wands, Jack [Reprint Author]; Tong, Shuping [Reprint Author]
 CORPORATE SOURCE: Liver Research Center, RI Hospital and Brown Medical School, Providence, RI, USA
 SOURCE: Hepatology, (October 2003) Vol. 38, No. 4 Suppl. 1, pp. 611A. print.
 Meeting Info.: 54th Annual Meeting of the American Association for the Study of Liver Diseases. Boston, MA, USA. October 24-28, 2003. American Association for the Study of Liver Diseases.
 ISSN: 0270-9139 (ISSN print).
 DOCUMENT TYPE: Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LANGUAGE: English
 ENTRY DATE: Entered STN: 10 Mar 2004
 Last Updated on STN: 10 Mar 2004

L7 ANSWER 2 OF 6 MEDLINE on STN DUPLICATE 1
 ACCESSION NUMBER: 94335067 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 7520091
 TITLE: A protease-sensitive hinge linking the two domains of the hepatitis B virus core protein is exposed on the viral capsid surface.
 AUTHOR: Seifer M; Standing D N
 CORPORATE SOURCE: Hormone Research Institute, University of California at San Francisco 94143-0534.
 CONTRACT NUMBER: A125056 (NIAID)
 SOURCE: Journal of virology, (1994 Sep) 68 (9) 5548-55.
 Journal code: 0113724. ISSN: 0022-538X.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 199409
 ENTRY DATE: Entered STN: 19940920
 Last Updated on STN: 20000303
 Entered Medline: 19940909

L7 ANSWER 3 OF 6 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN
 ACCESSION NUMBER: 93247208 EMBASE
 DOCUMENT NUMBER: 1993247208
 TITLE: Stability governs the apparent expression of 'particulate' hepatitis B e antigen by mutant hepatitis B virus core particles.
 AUTHOR: Seifer M.; Standing D.N.
 CORPORATE SOURCE: Hormone Research Institute, University of California, San Francisco, CA 94143-0534, United States
 SOURCE: Virology, (1993) 196/1 (70-78).
 ISSN: 0042-6822 CODEN: VIRLAX
 COUNTRY: United States
 DOCUMENT TYPE: Journal; Article
 FILE SEGMENT: 004 Microbiology
 037 Drug Literature Index
 LANGUAGE: English
 SUMMARY LANGUAGE: English

L7 ANSWER 4 OF 6 MEDLINE on STN DUPLICATE 2
 ACCESSION NUMBER: 92365128 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 1501280
 TITLE: Cys residues of the hepatitis B virus capsid protein are not essential for the assembly of viral core particles but can influence their stability.
 AUTHOR: Zhou S; Standing D N
 CORPORATE SOURCE: Hormone Research Institute, University of California, San Francisco 94143-0534.
 CONTRACT NUMBER: A125056 (NIAID)
 SOURCE: Journal of virology, (1992 Sep) 66 (9) 5393-8.
 Journal code: 0113724. ISSN: 0022-538X.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 199209
 ENTRY DATE: Entered STN: 19920925
 Last Updated on STN: 20000303
 Entered Medline: 19920916

L7 ANSWER 5 OF 6 MEDLINE on STN DUPLICATE 3
ACCESSION NUMBER: 92309400 MEDLINE
DOCUMENT NUMBER: PubMed ID: 1613786
TITLE: Topological analysis of the hepatitis B
virus core particle by cysteine
-cysteine cross-linking.
AUTHOR: Nassal M; Rieger A; Steinau O
CORPORATE SOURCE: Zentrum fur Molekulare Biologie Universitat Heidelberg,
F.R.G.
SOURCE: Journal of molecular biology, (1992 Jun 20) 225 (4)
1013-25.
Journal code: 2985088R. ISSN: 0022-2836.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199207
ENTRY DATE: Entered STN: 19920807
Last Updated on STN: 20000303
Entered Medline: 19920729

L7 ANSWER 6 OF 6 MEDLINE on STN DUPLICATE 4
ACCESSION NUMBER: 92410635 MEDLINE
DOCUMENT NUMBER: PubMed ID: 1529550
TITLE: Conserved cysteines of the hepatitis
B virus core protein are not required for assembly
of replication-competent core particles
nor for their envelopment.
AUTHOR: Nassal M
CORPORATE SOURCE: Zentrum fur Molekulare Biologie, Universitat Heidelberg,
Germany.
SOURCE: Virology, (1992 Sep) 190 (1) 499-505.
Journal code: 0110674. ISSN: 0042-6822.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199210
ENTRY DATE: Entered STN: 19921106
Last Updated on STN: 20000303
Entered Medline: 19921016

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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

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LAST RELOADED: Jun 25, 2004 (20040625/UP).

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---Logging off of STN---

END

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